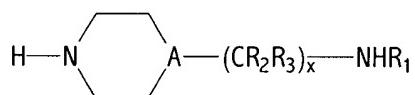


ABSTRACT OF THE DISCLOSURE

A fuel additive composition comprising:

- 5 a) a Mannich condensation product of (1) a high molecular weight alkyl-substituted hydroxyaromatic compound (2) an amine having the formula:



10 wherein A is CH or nitrogen, R₁, R₂, R₃ are independently hydrogen or lower alkyl of 1 to about 6 carbon atoms and each R₂ and R₃ is independently selected in each -CR₂R₃- unit, and x is an integer from 1 to about 6;

and (3) an aldehyde, wherein the respective molar ratio of reactants (1), (2), and (3) is 1:0.1-2:0.1-2;

- 15 b) a hydrocarbyl-terminated poly(oxyalkylene) monool; and
c) a carboxylic acid as represented by the formula:



or anhydride thereof, wherein R₄ represents a hydrocarbyl group having about 2 to about 50 carbon atoms, and y represents an integer of 1 to about 4.

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